Earphone storage case

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VIEW IN BROWSER

updated 1. 7. 2024 | published 1. 7. 2024

Summary

Stop tangles in wired earbuds / earphones by winding them into this storage case.

Gadgets > Audio

I was inspired by a case that came with earbuds I bought long ago. (Still working, but fading and getting brittle). I wanted to make a print in place version, which worked nicely for single colour prints on my printer.

Then I thought it would be great to include a version with a separate lid so it can be printed in different colours. I used a 2mm hole which works quite well with a piece of filament as the hinge pin.

I have included second versions, with more clearance between the base and winder. Hopefully the file names make it easy to select the best option for your printer!

The .3mf files show the settings I used, including a paint-on support for the finger hole in the winder.

I found it improves the winder rotation smoothness if I spray the gap with graphite dry lubricant and rotate the parts a few times.

My source files are in Designspark Mechanical, so not parametric. If you need to scale the stl files bigger, make sure to scale uniformly so that the hinges and winder don't distort.

Model files

print-in-place.stl

print-in-place-high-clearance.stl

pinned-lid-version-top.stl

pinned-lid-version-base.stl

pinned-lid-version-base-high-clearance.stl

print-in-place.3mf

print-in-place-high-clearance.3mf

pinned-lid-top.3mf

pinned-lid-base.3mf

pinned-lid-base-high-clearance.3mf

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